SCDXC Newsletter

The Southern California DX Club is an informal group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to everyone around the first week of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Gatherings are informal and impromptu. Anyone interested in gathering can initiate one. Notify N6RV and an email will be pushed out to the group. If you would like to join that email list see our website or email N6RV.

Please check the club web site for events and details at:

http://www.scdxc.org

2025 Officers

President
John Schroeder, N6QQ

Newsletter Editor
Bill Kendrick, N6RV

Webmaster
Jim Shryne, N6DHZ

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If you need him get in there and work him"

The colors that never run

Rich Bongiorno, W6VX Silent Key

It is with great sorrow that we announce the passing of Rich, W6VX, one of the clubs great ones! We will miss his dry humor and quips. He added something to every meeting and event, always the good spirited gentleman. We lost his wife, Pat, W6VXN last month so it is double sorrow. Rest well dear friends.

A celebration of life will be held at 1 PM PDT, July 12:

Crawford Lorenzen Mortuary
8717 Tampa Avenue
Northridge, California.

From the Editor

Informal Club Meetings on Zoom

We have continued to hold meetings every second Thursday of the month. They will be Zoom only meetings! The next meeting is this month, July 10h at 7 PM.

SCDXC Club Meeting

SDDXC Meetings

For those who have not joined San Diego DX Club or attended one of their meetings, here is a link to the presentations they have on their website.

SDDXC Presentations

NCDXC Meetings

You can join NCDXC as an associate member for the rest of their club year. When you do that you can access all their past presentations here (*you need to enter your password*):

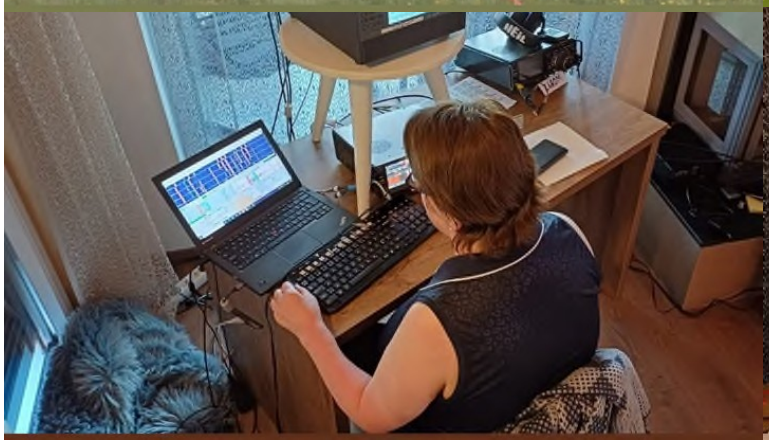
NCDXC Presentations

Newsletter

The interest in the SCDXC newsletter has waned. The last newsletter will be in August. That will give readers enough time to respond if they desire to see more newsletters and will complete all 62 deleted entities.

Virtual Club

In September the checking account will be terminated thus ending all payments including Zoom, insurance, and other services. If someone would like to pick up the Zoom costs we will continue to have meetings otherwise the club will be just the webpage. If you have any outstanding claims against the club you have until then to submit them.



Summer Bash is Back!

WHERE

SAN DIEGUITO PARK
1628 LOMAS SANTA FE DRIVE
DEL MAR, PARKING AVAILABLE
PICNIC AREA #4

WHEN

SUNDAY JULY 20, 2025
1PM UNTIL???

MENU

BBQ BABY BACK RIBS
BBQ BONELESS CHICKEN
COLESLAW, POTATO SALAD
CORN ON THE COB
FRIED ONION RINGS
ASSORTED PIES
SOFT DRINKS, WATER
BYOB BEER/WINE

PARKING: $5/CAR FOR ALL DAY
(Free Senior parking over 62)

IF ATTENDING, KINDLY SEND HEADCOUNT TO:
ROB WA3IHV, SMS (760) 522-8688 OR EMAIL: WA3IHV@GMAIL.COM

Rumors on the Band

Not a lot of Dxpeditions going in July. Maybe we will have a boat load of DX on 6 meters! OJ0W is active right now. Maybe we will get someone there with a yagi.

QTH	Call	Start Date	End Date	Information
Miquelon	FP/KV1J	Now	14-Jul	KV1J HF+6m SSB FT4 FT8
Dodecanese Is	SV5/S55DX	Now	5-Jul	S55DX HF
Mozambique	C94RRC	5-Jul	11-Jul	OK8AU UA3QLC R7AL HF CW SSB FT8
Benin	TY5FR	8-Jul	6-Aug	DL1BUG 80-10m CW SSB
Svalbard	JW0V	14-Jul	23-Jul	OK2WX 160-6m CW SSB FT8
Svalbard	JW/SP9HGN	24-Jul	2-Aug	SP9HGN 40-10m SSB FT8
Rodrigues Is	3B9SP	28-Jul	1-Aug	DK6SP 40-6m CW SSB FT8

ClubLog Most Wanted

2025			2024			
#	Pfx	Entity	#	Pfx	Entity	Delta
1	P5	DPRK (NORTH KOREA)	1	P5	DPRK (NORTH KOREA)	1 =
2	BS7H	SCARBOROUGH REEF	2	BS7H	SCARBOROUGH REEF	2 =
3	CE0X	SAN FELIX ISLANDS	3	CE0X	SAN FELIX ISLANDS	3 =
4	BV9P	PRATAS ISLAND	4	BV9P	PRATAS ISLAND	4 =
5	KH7K	KURE ISLAND	5	KH7K	KURE ISLAND	5 =
6	KH3	JOHNSTON ISLAND	6	KH3	JOHNSTON ISLAND	6 =
7	3Y/P	PETER 1 ISLAND	7	3Y/B	BOUVET ISLAND	10 (↓ 3)
8	FT5/X	KERGUELEN ISLAND	8	FT5/X	KERGUELEN ISLAND	8 =
9	YV0	AVES ISLAND	9	3Y/P	PETER 1 ISLAND	7 (↑ 2)
10	3Y/B	BOUVET ISLAND	10	YV0	AVES ISLAND	9 (↑ 1)
11	VK0M	MACQUARIE ISLAND	11	VK0M	MACQUARIE ISLAND	11 =
12	KH4	MIDWAY ISLAND	12	SV/A	MOUNT ATHOS	31 (↓ 19)
13	PY0S	SAINT PETER AND PAUL ROCKS	13	ZS8	PRINCE EDWARD & MARION ISLANDS	21 (↓ 8)
14	KP5	DESECHEO ISLAND	14	KH4	MIDWAY ISLAND	12 (↑ 2)
15	VP0S	SOUTH SANDWICH ISLANDS	15	EZ	TURKMENISTAN	20 (↓ 5)
16	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	16	PY0S	SAINT PETER AND PAUL ROCKS	13 (↑ 3)
17	FK/C	CHESTERFIELD ISLANDS	17	VP0S	SOUTH SANDWICH ISLANDS	15 (↑ 2)
18	VK0H	HEARD ISLAND	18	YK	SYRIA	23 (↓ 5)
19	FT/T	TROMELIN ISLAND	19	KP5	DESECHEO ISLAND	14 (↑ 5)
20	EZ	TURKMENISTAN	20	FT/G	GLORIOSO ISLAND	37 (↓ 17)
21	ZS8	PRINCE EDWARD & MARION ISLANDS	21	FT5/W	CROZET ISLAND	27 (↓ 6)
22	ZL8	KERMADEC ISLAND	22	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	16 (↑ 6)
23	YK	SYRIA	23	XF4	REVILLAGIGEDO	25 (↓ 2)
24	VP0G	SOUTH GEORGIA ISLAND	24	FK/C	CHESTERFIELD ISLANDS	17 (↑ 7)
25	XF4	REVILLAGIGEDO	25	FT/T	TROMELIN ISLAND	19 (↑ 6)
26	KH1	BAKER HOWLAND ISLANDS	26	VK0H	HEARD ISLAND	18 (↑ 8)
27	FT5/W	CROZET ISLAND	27	KH1	BAKER HOWLAND ISLANDS	26 (↑ 1)
28	VK9M	MELLISH REEF	28	PY0T	TRINDADE & MARTIM VAZ ISLANDS	33 (↓ 5)
29	FT/J	JUAN DE NOVA, EUROPA	29	VP0G	SOUTH GEORGIA ISLAND	24 (↑ 5)
30	KH9	WAKE ISLAND	30	ZL8	KERMADEC ISLAND	22 (↑ 8)
31	SV/A	MOUNT ATHOS	31	KH9	WAKE ISLAND	30 (↑ 1)
32	HK0/M	MALPELO ISLAND	32	JD/M	MINAMI TORISHIMA	34 (↓ 2)
33	PY0T	TRINDADE & MARTIM VAZ ISLANDS	33	VK9M	MELLISH REEF	28 (↑ 5)
34	JD/M	MINAMI TORISHIMA	34	FT/J	JUAN DE NOVA, EUROPA	29 (↑ 5)
35	KP1	NAVASSA ISLAND	35	TI9	COCOS ISLAND	36 (↓ 1)
36	TI9	COCOS ISLAND	36	HK0/M	MALPELO ISLAND	32 (↑ 4)
37	FT/G	GLORIOSO ISLAND	37	KP1	NAVASSA ISLAND	35 (↑ 2)
38	VK9W	WILLIS ISLAND	38	KH5	PALMYRA & JARVIS ISLANDS	46 (↓ 8)
39	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39	T31	CENTRAL KIRIBATI	48 (↓ 9)
40	VP8O	SOUTH ORKNEY ISLANDS	40	VP8O	SOUTH ORKNEY ISLANDS	40 =
41	XZ	MYANMAR	41	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39 (↑ 2)
42	ZK3	TOKELAU ISLANDS	42	VK9W	WILLIS ISLAND	38 (↑ 4)
43	3C0	ANNOBON	43	XZ	MYANMAR	41 (↑ 2)
44	1S	SPRATLY ISLANDS	44	3D2/C	CONWAY REEF	58 (↓ 14)
45	T5	SOMALIA	45	T33	BANABA ISLAND	49 (↓ 4)
46	KH5	PALMYRA & JARVIS ISLANDS	46	ZK3	TOKELAU ISLANDS	42 (↑ 4)
47	R1F	FRANZ JOSEF LAND	47	3C0	ANNOBON	43 (↑ 4)
48	T31	CENTRAL KIRIBATI	48	T5	SOMALIA	45 (↑ 3)
49	T33	BANABA ISLAND	49	5A	LIBYA	73 (↓ 24)
50	H40	TEMOTU PROVINCE	50	H40	TEMOTU PROVINCE	50 =

[CADXA Most Wanted DXCC]

[ClubLog Most Wanted DXCC]

DX Standings

Thanks to Peter, K2IXQ, Bill, N6RV, and Don, NK6A for their updates!

We know that many of you have received a QSL from ZS8W. Hopefully there will be many updates next month!

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 11 bands 160 - 6, including 60 meters. The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings

Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389		51	W6HB	311	311	1029
2	JA1BK	340	383	3242	52	N6PM	305	305	2291
3	K6YRA	340	378	2278	53	N6GP	303	314	1851
4	OH2BH	340	378		54	K6IRD	292	302	649
5	N0FW	340	372	2978	55	W6ZL	299	303	1179
6	K6YUI	340	366	2610	56	WA6HXM	275	275	
7	NS6C	340	361	2657	57	WA6WXD	274	274	
8	W6SR	340	359	2778	58	K6VC	264	267	
9	K6FG	340	357	2786	59	K0XP	250	249	973
10	WA6WZO	340	358	2456	60	KN6ZZI	249	249	1095
11	K5KT	340	355		61	N6AA	247	247	2442
12	W8DX	340	353	2456	62	W6KC	246	248	743
13	N6WS	340	352	2723	63	NE6V	239	239	1037
14	W6TK	340	351	1781	64	K6JEY	234	234	
15	N6HC	340	349	2408	65	WC2S	231	231	744
16	W6KK	340	349	2066	66	N6HE	229	238	746
17	K6ND	340	348	2861	67	W6YLZ	229	230	965
18	WA5VGI	340	348	2816	68	N6VOH	222	251	
19	KJ6Y	340	348	1439	69	N6AV	212	212	
20	N6PEQ	340	347	2056	70	K6NGO	212	212	739
21	KR6C	340	346	2152	71	K6AFW	204	204	917
22	N6RV	339	356	2637	72	WB6DJI	200	200	589
23	N6QQ	339	356	2231	73	AA6DW	196	202	402
24	W6FL	339	353	1644	74	K6FOD	188	188	479
25	K6RO	339	348	2484	75	K9TAD	180	180	274
26	W6TJI	338	355		76	N6LL	169	169	
27	W6IRD	338	354		77	W6GA	169	168	
28	W6RW	338	352	2479	78	KC6TOD	166	166	
29	N6HY	338	346	2294	79	K6DW	165	165	420
30	N6MG	338	338		80	KK6M	162	192	466
31	N6RW	337	372	2786	81	W6QE	149	149	365
32	W6OU	337	356	1935	82	WD6Y	147	147	274
33	N6IC	336	347		83	AB9A	141	141	224
34	N6AX	336	322	1826	84	NZ6L	137	178	158
35	K6JW	335	341	1371	85	N6CA	133	133	386
36	N7NR	335	354	2686	86	KI6BTY	125	125	453
37	SM5GMZ	335	346	2454	87	KF6RY	125	125	306
38	K4ST	335	339	2065	88	K6BBC	103	117	216
39	K2IXQ	335	339	1837	89	N6PCD	105	105	251
40	N6MXU	335	339	1831	90	N6YQ	100	128	
41	W6SW	331	339	540	91	WA6MEM	100	100	
42	K6SY	331	337	1158	92	W6CCC	95	95	211
43	W6DR	331	336	2109	93	NA6Q	81	81	198
44	N6AX	331	336	1826	94	W6MPB	61	61	
45	AA6PW	330	331	1785	95	NR6M	57	57	123
46	NK6A	320	319	957	96	K6LAC	46	46	
47	N6DHZ	316	318	1571	97	K6YIC	43	43	92
48	K7MY	316	316	1461	98	NY6Y	28	28	
49	N6WT	315	315	2276	99	KJ6YL	14	14	
50	N6VNI	312	314	1541	100				

WAZ Standings

Rank	Call	11B	5B	Awards
1	N0FW	426	200	M/P/C/R/5
2	WA5VGI	418	200	M/P/C/R/5
3	K6ND	415	200	M/5
4	N6WS	415	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	NS6C	369	200	M/P/C/R/5
8	W8DX	357	200	M/5
9	N6AW	355	200	M/P/C/5
10	K6YUI	353	200	M/P/C/R/5
11	W6RW	344	200	M/P/C/5
12	K6YRA	337	200	P/5
13	W6TK	369	198	
14	N6HY	365	196	M/P/C
15	N6RW	410	199	
16	N6WT	385	195	
17	N6RV	384	195	
18	K6RO	379	195	M/P/C
19	W6FL	253	195	
20	N6PM	380	194	
21	N6QQ	343	189	
22	KR6C	333	189	
23	N6PEQ	338	188	
24	W6DR	348	187	
25	W6OU	307	186	
26	N6GP	313	185	
27	K4ST	310	185	
28	W6KK	307	185	
29	N6DHZ	295	182	
30	AA6PW	298	181	
31	N6VNI	291	181	
32	K6SY	299	178	
33	KJ6Y	237	173	
34	N6HE	253	168	
35	W6ZL	253	166	M/P/C/R
36	KN6ZZI	251	134	
37	K6JW	244	158	
38	NK6A	290	157	
39	W6KC	217	156	
40	W6YLZ	151	288	
41	K7MY	258	159	
42	N6MG	241	150	
43	NE6V	256	149	
44	K6AFW	218	149	
45	KK6M	173	140	
46	K0XP	171	140	
47	K6IRD	220	130	
48	W6SW	154	126	M/P
49	W6IRD	102	112	
50	WD6Y	174	109	M
51	K6VC	145	96	
52	K6DW	143	118	
53	WC2S	201	115	
54	K6NGO	191	110	
55	K6FOD	160	106	
56	K9TAD	113	99	
57	NZ6L	104	82	
58	N6HC	17	13	
59	WB6DJI	11	8	

2025 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP0G	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP0S	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2E	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP2M	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8/S	ON	S5	TF	V3	VP2V	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FT/G	HC	J8	KH9	OX	S7	TG	V4	VP5	YB	ZD9
3DA	5U	9M2	C21	D4	ET	FT/J	HC8	JA	KL7	OY	S9	TI	V5	VP6	YI	ZF
3V	5V7	9M6	C31	D6	EU	FT/T	HH	JD/M	KP1	OZ	SM	TI9	V6	VP6/D	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5/W	HI	JD/O	KP2	P2	SP	TJ	V7	VP8	YK	ZL
3XA	5X	9Q	C6A	DU	EY	FT5/X	HK	JT	KP4	P4	ST	TK	V8	VP8H	YL	ZL7
3Y/B	5Z	9U	C9	E3	~~EZ~~	FT5Z	HK0/M	JW	KP5	~~P5~~	SU	TL	VE	VP8O	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

We picked up a few since last month. The ClubLog leaders picked up one new entity. It seems that with the drop in SFI the DX has dropped off as well. Actually, there are ample opportunities to work the DX that is always there. Remember a few years back when Angola was rare. Now it is on every day. The same for Melawi. We have been jaded!

Keep chasing the DX and we support the hobby. When we stop we lose it!

2025 Get Schroeder Leaders	
2025 Total Entities Worked	272
2024 Total Entities Worked	289
2025 Entities Worked by SCDXC	256
2024 SCDXC Entities Worked	280
2025 Entities Worked by SCDXC Members in SoCal	250
2024 Entities Worked by SCDXC Members in SoCal	273
2025 ClubLog Leaders Entities Worked	272
2024 ClubLog Leaders Entities Worked	288
2024 SCDXC Leader (K6ND)	273
2024 ClubLog Leader (N4RJ)	277

Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ	Uniques
								6
1	K6ND	244	15	-27	4	12	-143	4
2	K6RO	240	1	-27	0	16	-139	1
3	N6RW	237	6	-27	-3	19	-136	0
4	N6RV	236	2	-28	-4	20	-135	0
5	N6WT	236	3	-31	-4	20	-135	0
6	N0FW	230	5	-43	-10	26	-129	1
7	NS6C	218	3	-44	-22	38	-117	0
8	WA5VGI	210	2	-49	-30	46	-109	0
9	KN6ZZI	204	7	-34	-36	52	-103	0
10	AA6AA	189	13	-49	-51	67	-140	0
11	N6PM	177	7	-14	-63	79	-76	0
12	N6MG	163	6	-21	-77	93	-62	0
13	N6AV	149	6	-39	-91	107	-48	0
14	AA6PW	154	10	-38	-86	102	-53	0
15	N6WS	140	6	-108	-100	116	-39	0
16	N6GP	131	0	-58	-109	125	-30	0
17	W6YLZ	128	4	62	-112	128	-27	0
18	W6DR	126	0	-104	-114	130	-25	0
19	N6DHZ	102	1	-77	-138	154	-1	0
20	N6QQ	101	11	-101	-139	155	0	0
21	NK6A	101	0	-46	-139	155	0	0

ClubLog Worked Not SCDXC

3C	A5	KG4	YA
5T	E4	PJ5	YK
5U	FH	ST	
7P	J2	TL	
9U	JX	VQ9	

SCDXC Get Schroeder Standings 2025														
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	
1	K6ND	4	31	10	28	88	123	105	125	67	120	1	244	702	34
2	K6RO	2	75	24	132	129	193	180	189	178	194	28	240	1324	37
3	N6RW	36	97	66	152	174	197	176	176	172	173	31	237	1450	67
4	N6RV	0	38	20	122	137	172	147	169	131	163	26	236	1125	57
5	N6WT	6	39	6	110	121	174	157	171	123	169	14	236	1090	11
6	N0FW	39	66	58	124	139	159	145	168	149	165	44	230	1256	37
7	NS6C	3	8	2	17	36	113	65	88	57	88	19	218	496	68
8	WA5VGI	5	32	10	0	63	47	50	76	77	58	8	210	426	41
9	KN6ZZI	0	0	0	50	90	112	96	125	58	106	19	204	656	2
10	N6PM	4	17	11	61	67	66	61	64	82	70	18	176	521	31
11	N6MG	0	17	0	76	41	90	46	71	101	53	1	163	496	48
12	AA6PW	0	2	0	62	27	67	31	102	45	96	0	154	432	38
13	N6AV	0	0	0	72	60	86	55	85	59	88	0	149	505	11
14	N6WS	0	8	10	46	20	56	37	42	71	53	20	140	363	61
15	N6GP	0	0	0	0	0	45	1	42	30	90	14	131	222	37
16	W6YLZ	0	0	0	0	22	71	44	37	35	15	21	128	245	37
17	W6DR	16	16	22	60	53	39	22	52	42	44	2	126	368	45
18	N6DHZ	0	2	0	6	2	12	9	61	22	85	0	102	199	37
19	N6QQ	0	0	0	1	34	8	41	32	34	21	6	101	177	68
20	NK6A	0	0	0	1	6	12	3	83	4	68	0	101	177	80
21	WC2S	0	0	0	2	20	20	14	22	27	39	5	96	149	33
22	KI6BTY	0	8	1	25	9	41	30	30	15	58	4	82	221	3
23	K0XP	25	8	0	19	18	19	12	23	11	40	2	76	177	18
24	KR6C	0	0	0	7	0	27	11	28	12	15	0	72	100	47
25	NA6Q	0	1	0	6	1	20	2	30	24	41	0	69	125	8
26	K6DW	0	0	0	24	0	34	0	39	1	45	0	64	143	18
27	AA6DW	0	0	0	2	2	23	19	28	7	13	4	64	98	38
28	K6FG	1	14	0	5	30	30	4	7	6	11	11	62	119	69
29	W6KK	1	11	0	3	10	3	2	18	16	43	3	61	110	30
30	K7MY	0	0	0	0	0	0	0	0	0	61	0	61	61	48
31	K6NGO	0	0	0	4	9	15	17	12	11	8	4	49	80	5
32	W6TK	0	0	0	0	0	22	14	15	4	7	2	49	64	68
33	K6JW	0	18	0	2	2	5	7	7	4	6	1	39	52	66
34	K6FOD	0	2	0	3	6	8	6	4	1	2	2	19	34	7
35	W6SR	0	0	0	0	0	0	0	0	0	0	11	11	11	58
36	K9TAD	0	0	0	1	0	0	5	4	0	0	1	7	11	18
37	N6PEQ	0	0	0	0	1	0	0	0	2	4	0	7	7	39
38	W6FL	0	0	0	0	0	0	0	0	0	0	3	3	3	65
39	N6PCD	0	0	0	1	0	1	2	0	0	0	0	2	4	37
40	KK6M	0	0	0	0	0	0	0	0	0	1	0	1	1	46

What Did We Really Work?

This month we worked 117 entities, much less than before. It seems interest in this column has diminished. Fortunately there is only one newsletter left!

Entity	Prefix	Total 253	Jan 204	Feb 195	Mar 199	Apr 169	May 167	Jun 117
MONACO	3A	1	1	0	0	0	0	1
MAURITIUS ISLAND	3B8	1	1	0	0	1	1	0
RODRIGUEZ ISLAND	3B9	1	0	0	1	1	0	0
FIJI ISLANDS	3D2	1	1	0	0	0	0	0
CONWAY REEF	3D2/C	1	0	0	1	1	1	0
KINGDOM OF ESWATINI	3DA	1	0	0	0	0	1	0
TUNISIA	3V	1	1	0	1	0	1	0
VIET NAM	3W	1	1	1	1	1	1	0
AZERBAIJAN	4J	1	1	0	1	0	1	0
GEORGIA	4L	1	1	1	1	1	1	0
MONTENEGRO	4O	1	1	1	1	1	1	1
SRI LANKA	4S	1	1	1	1	1	0	0
ITU HQ	4U1ITU	1	0	0	1	0	1	0
UNITED NATIONS HQ	4U1UN	1	1	1	1	0	1	0
ISRAEL	4X	1	1	1	1	1	1	1
CYPRUS	5B	1	1	1	1	1	1	1
TANZANIA	5H	1	0	1	1	1	1	0
NIGERIA	5N	1	0	1	0	0	0	0
MADAGASCAR	5R	1	1	1	1	0	0	0
SAMOA	5W	1	1	1	1	0	1	1
UGANDA	5X	1	0	0	1	1	0	0
KENYA	5Z	1	1	1	1	1	1	0
SENEGAL	6W	1	1	0	0	0	0	0
JAMAICA	6Y	1	1	1	1	1	1	0
MALAWI	7Q	1	1	1	1	1	0	1
ALGERIA	7X	1	1	1	1	1	1	0
BARBADOS	8P	1	1	1	1	0	1	1
MALDIVES	8Q	1	1	1	0	0	0	0
GUYANA	8R	1	1	1	0	1	0	0
CROATIA	9A	1	1	1	1	1	1	1
GHANA	9G	1	0	0	0	1	0	0
MALTA	9H	1	1	1	1	0	1	0
ZAMBIA	9J	1	0	1	1	1	1	1
KUWAIT	9K	1	1	0	1	0	1	0
SIERRA LEONE	9L	1	0	1	0	0	0	0
WEST MALAYSIA	9M2	1	1	1	1	1	1	0
EAST MALAYSIA	9M6	1	1	1	1	1	1	0
NEPAL	9N	1	1	0	0	1	0	0
SINGAPORE	9V	1	1	1	1	0	1	1
RWANDA	9X	1	1	1	0	0	0	0
TRINIDAD & TOBAGO	9Y	1	1	1	1	1	1	1
BOTSWANA	A2	1	1	1	0	1	0	0
TONGA	A3	1	0	1	1	0	0	0
OMAN	A4	1	1	1	0	0	0	0
BHUTAN	A5	1	0	0	0	1	0	0
UNITED ARAB EMIRATES	A6	1	1	1	1	1	1	1
QATAR	A7	1	1	1	1	1	1	1
BAHRAIN	A9	1	1	1	1	1	0	0
PAKISTAN	AP	1	1	0	1	1	0	0
TAIWAN	BU	1	1	1	1	1	1	0
CHINA	BY	1	1	1	1	1	1	1
NAURU	C21	1	1	1	1	1	1	1
ANDORRA	C31	1	1	1	1	0	0	0
THE GAMBIA	C5	1	1	1	0	1	0	0
BAHAMAS	C6A	1	1	1	1	1	0	0
CHILE	CE	1	1	1	1	1	1	0
EASTER ISLAND	CE0Y	1	1	0	1	0	1	0
ANTARCTICA	CE9	1	1	1	0	0	0	0
MOROCCO	CN	1	1	1	1	1	1	1
CUBA	CO	1	1	1	1	1	1	1
BOLIVIA	CP	1	1	1	1	0	0	1
PORTUGAL	CT	1	1	1	1	1	1	0
MADEIRA ISLANDS	CT3	1	1	1	1	1	1	1
AZORES	CU	1	1	1	1	0	0	1
URUGUAY	CX	1	1	1	1	1	0	1
ANGOLA	D2	1	1	1	0	0	0	1
CAPE VERDE	D4	1	1	1	1	0	1	0
COMOROS	D6	1	0	0	1	1	0	0
FEDERAL REPUBLIC OF GERMANY	DL	1	1	1	1	1	1	1
PHILIPPINES	DU	1	1	1	1	1	1	1
NORTH COOK ISLANDS	E5/N	1	0	0	1	1	1	1
SOUTH COOK ISLANDS	E5/S	1	1	1	1	1	1	0
NIUE	E6	1	0	0	0	0	1	0
BOSNIA-HERZEGOVINA	E7	1	1	1	1	1	1	1
SPAIN	EA	1	1	1	1	1	1	1
BALEARIC ISLANDS	EA6	1	1	1	1	1	1	0
CANARY ISLANDS	EA8	1	1	1	1	1	1	1
CEUTA & MELILLA	EA9	1	1	1	1	1	1	0
IRELAND	EI	1	1	1	1	1	1	1
ARMENIA	EK	1	1	1	1	1	1	0
LIBERIA	EL	1	1	0	0	1	0	1
IRAN	EP	1	0	0	1	1	1	0
MOLDOVA	ER	1	1	1	1	1	1	1
ESTONIA	ES	1	1	1	1	1	1	1
ETHIOPIA	ET	1	1	0	0	0	0	0

Entity	Prefix	Total 253	Jan 204	Feb 195	Mar 199	Apr 169	May 167	Jun 117
BELARUS	EU	1	1	1	1	1	1	1
KYRGYZSTAN	EX	1	1	1	1	1	1	1
TAJIKISTAN	EY	1	0	1	1	1	1	0
FRANCE	F	1	1	1	1	1	1	1
GUADELOUPE	FG	1	1	1	1	1	1	1
SAINT BARTHELEMY	FJ	1	0	1	1	1	1	0
NEW CALEDONIA	FK	1	1	1	1	1	1	1
MARTINIQUE	FM	1	1	1	1	1	1	1
FRENCH POLYNESIA	FO	1	1	0	1	0	0	0
AUSTRAL ISLANDS	FO/A	1	0	0	0	1	1	0
CLIPPERTON ISLAND	FO/C	1	0	1	0	1	1	1
MARQUESAS ISLANDS	FO/M	1	1	0	0	1	0	0
SAINT PIERRE & MIQUELON	FP	1	0	1	0	0	0	0
REUNION ISLAND	FR	1	1	1	1	0	0	1
SAINT MARTIN	FS	1	1	1	0	0	0	0
TROMELIN ISLAND	FT/T	1	0	1	1	0	0	1
FRENCH GUIANA	FY	1	1	1	1	0	1	0
ENGLAND	G	1	1	1	1	1	1	1
ISLE OF MAN	GD	1	0	1	1	1	1	0
NORTHERN IRELAND	GI	1	1	1	1	1	1	1
JERSEY	GJ	1	1	1	1	1	1	0
SCOTLAND	GM	1	1	1	1	1	1	1
GUERNSEY	GU	1	1	1	1	1	1	0
WALES	GW	1	1	1	1	0	1	0
SOLOMON ISLANDS	H4	1	0	0	1	1	0	0
TEMOTU PROVINCE	H40	1	1	0	0	0	0	0
HUNGARY	HA	1	1	1	1	1	1	1
SWITZERLAND	HB	1	1	1	1	1	1	1
LIECHTENSTEIN	HB0	1	1	1	1	0	1	1
ECUADOR	HC	1	1	1	1	1	1	1
GALAPAGOS ISLANDS	HC8	1	1	1	1	1	0	1
HAITI	HH	1	1	1	0	1	0	1
DOMINICAN REPUBLIC	HI	1	1	1	1	1	1	0
COLOMBIA	HK	1	1	1	1	0	1	1
SAN ANDRES ISLAND	HK0S	1	0	0	1	0	0	0
REPUBLIC OF KOREA	HL	1	1	1	1	1	1	1
PANAMA	HP	1	1	1	1	0	1	1
HONDURAS	HR	1	1	1	1	1	1	1
THAILAND	HS	1	1	1	1	1	1	1
SAUDI ARABIA	HZ	1	1	1	1	1	1	1
ITALY	I	1	1	1	1	1	1	1
SARDINIA	IS0	1	1	1	1	1	0	0
GRENADA	J3	1	0	1	1	0	0	0
GUINEA-BISSAU	J5	1	1	0	0	0	0	0
SAINT LUCIA	J6	1	1	1	1	1	0	0
DOMINICA	J7	1	1	1	1	0	0	1
SAINT VINCENT	J8	1	1	1	1	1	0	1
JAPAN	JA	1	1	1	1	1	1	1
MINAMI TORISHIMA	JD/M	1	1	1	0	0	1	0
OGASAWARA	JD/O	1	1	0	0	1	1	1
MONGOLIA	JT	1	1	1	1	0	0	0
SVALBARD	JW	1	1	1	1	0	0	0
JORDAN	JY	1	1	1	1	0	0	0
UNITED STATES OF AMERICA	K	1	1	1	1	1	1	1
MARIANA ISLANDS	KH0	1	1	1	1	1	1	0
GUAM	KH2	1	1	1	1	1	1	0
HAWAII	KH6	1	1	1	1	1	1	1
AMERICAN SAMOA	KH8	1	1	0	0	0	1	0
SWAINS ISLAND	KH8/S	1	0	0	0	0	1	0
WAKE ISLAND	KH9	1	1	1	0	1	1	0
ALASKA	KL7	1	1	1	1	0	1	1
US VIRGIN ISLANDS	KP2	1	1	1	1	1	1	1
PUERTO RICO	KP4	1	1	1	1	1	1	1
NORWAY	LA	1	1	1	1	1	1	0
ARGENTINA	LU	1	1	1	1	1	1	1
LUXEMBOURG	LX	1	1	1	1	1	1	1
LITHUANIA	LY	1	1	1	1	1	1	1
BULGARIA	LZ	1	1	1	1	1	1	1
PERU	OA	1	1	1	1	1	1	0
LEBANON	OD	1	1	1	1	1	1	1
AUSTRIA	OE	1	1	1	1	1	1	1
FINLAND	OH	1	1	1	1	1	1	1
ALAND ISLANDS	OH0	1	0	1	1	0	1	0
MARKET REEF	OJ0	1	0	0	0	0	1	1
CZECH REPUBLIC	OK	1	1	1	1	1	1	1
SLOVAK REPUBLIC	OM	1	1	1	1	0	1	0
BELGIUM	ON	1	1	1	1	1	1	1
GREENLAND	OX	1	1	0	1	0	1	1
FAROE ISLANDS	OY	1	1	0	1	1	1	1
DENMARK	OZ	1	1	1	1	1	1	1
PAPUA NEW GUINEA	P2	1	0	0	0	1	0	0
ARUBA	P4	1	1	1	1	1	1	0
NETHERLANDS	PA	1	1	1	1	1	1	1
CURACAO	PJ2	1	1	1	1	0	1	0
BONAIRE	PJ4	1	1	1	1	1	1	1

Entity	Prefix	Total 253	Jan 204	Feb 195	Mar 199	Apr 169	May 167	Jun 117
SINT MAARTEN	PJ7	1	1	1	0	1	0	0
BRAZIL	PY	1	1	1	1	1	1	1
SURINAME	PZ	1	1	1	1	1	1	1
WESTERN SAHARA	S0	1	1	1	1	1	0	0
BANGLADESH	S2	1	0	1	0	1	1	1
SLOVENIA	S5	1	1	1	1	0	1	1
SEYCHELLES ISLANDS	S7	1	1	0	0	1	1	0
SWEDEN	SM	1	1	1	1	1	1	1
POLAND	SP	1	1	1	1	1	1	1
EGYPT	SU	1	1	1	1	1	0	1
Greece	SV	1	1	1	1	1	1	1
Dodecanese	SV5	1	1	1	1	1	1	0
Crete	SV9	1	1	1	1	1	0	1
Mount Athos	SV-A	1	1	0	0	0	0	0
WESTERN KIRIBATI	T30	1	0	0	0	0	0	1
EASTERN KIRIBATI	T32	1	1	0	1	0	0	0
BANABA ISLAND	T33	1	0	0	0	1	0	0
SAN MARINO	T7	1	1	1	1	1	0	1
PALAU	T8	1	1	0	1	1	0	0
TURKEY	TA	1	1	1	1	1	1	0
ICELAND	TF	1	1	1	1	1	1	1
GUATEMALA	TG	1	1	1	1	1	1	0
COSTA RICA	TI	1	1	1	1	1	1	1
CAMEROON	TJ	1	1	0	0	0	0	0
CORSICA	TK	1	1	1	1	0	0	1
GABON	TR	1	1	1	1	0	0	0
BENIN	TY	1	0	0	1	1	0	0
MALI	TZ	1	0	1	0	0	1	0
EUROPEAN RUSSIA	UA	1	1	1	1	1	1	1
ASIATIC RUSSIA	UA0	1	1	1	1	1	1	1
KALININGRAD	UA2	1	1	1	1	1	1	1
UZBEKISTAN	UJ	1	1	1	0	0	1	0
KAZAKHSTAN	UN	1	1	1	1	1	1	0
UKRAINE	UR	1	1	1	1	1	1	1
ANTIGUA & BARBUDA	V2	1	1	1	1	0	1	0
BELIZE	V3	1	1	1	1	1	1	1
SAINT KITTS & NEVIS	V4	1	1	1	1	1	1	0
NAMIBIA	V5	1	1	1	1	1	0	0
MICRONESIA	V6	1	0	0	1	0	0	0
MARSHALL ISLANDS	V7	1	1	1	0	1	0	0
BRUNEI	V8	1	1	1	1	1	1	0
CANADA	VE	1	1	1	1	1	1	1
AUSTRALIA	VK	1	1	1	1	1	1	1
COCOS (KEELING) ISLAND	VK9C	1	0	0	1	0	0	0
NORFOLK ISLAND	VK9N	1	1	1	1	1	1	1
CHRISTMAS ISLAND	VK9X	1	0	1	1	0	0	0
ANGUILLA	VP2E	1	0	1	1	1	0	0
MONTSERRAT	VP2M	1	0	1	1	0	1	0
BRITISH VIRGIN ISLANDS	VP2V	1	0	0	0	1	1	1
TURKS & CAICOS ISLANDS	VP5	1	1	0	1	0	0	0
PITCAIRN ISLAND	VP6	1	1	1	1	1	1	0
FALKLAND ISLANDS	VP8	1	1	0	1	0	0	0
BERMUDA	VP9	1	1	1	1	0	1	1
HONG KONG	VR	1	1	1	1	0	1	0
INDIA	VU	1	1	1	1	1	1	0
ANDAMAN & NICOBAR ISLANDS	VU4	1	0	0	1	0	0	0
MEXICO	XE	1	1	1	1	1	1	1
CAMBODIA	XU	1	0	1	0	1	0	0
LAOS	XW	1	0	0	1	1	0	1
MACAO	XX9	1	0	1	1	0	0	1
INDONESIA	YB	1	1	1	1	1	1	1
IRAQ	YI	1	0	0	0	1	0	0
VANUATU	YJ	1	0	0	1	0	0	0
LATVIA	YL	1	1	1	1	0	1	0
NICARAGUA	YN	1	1	1	1	0	1	0
ROMANIA	YO	1	1	1	1	1	1	1
EL SALVADOR	YS	1	1	1	1	1	1	0
SERBIA	YT	1	1	1	1	1	1	1
VENEZUELA	YV	1	1	1	1	1	1	1
ZIMBABWE	Z2	1	1	1	0	0	0	0
NORTH MACEDONIA	Z3	1	1	1	0	1	1	0
REPUBLIC OF KOSOVO	Z6	1	1	1	1	0	1	0
REPUBLIC OF SOUTH SUDAN	Z8	1	1	0	0	0	0	0
ALBANIA	ZA	1	1	1	1	1	1	0
GIBRALTAR	ZB2	1	1	1	1	1	0	0
SAINT HELENA	ZD7	1	1	1	1	1	0	0
TRISTAN DA CUNHA & GOUGH ISLANDS	ZD9	1	1	0	1	0	0	0
CAYMAN ISLANDS	ZF	1	1	1	1	1	1	1
NEW ZEALAND	ZL	1	1	1	1	1	1	1
CHATHAM ISLAND	ZL7	1	0	0	1	0	1	0
PARAGUAY	ZP	1	1	1	1	1	1	1
REPUBLIC OF SOUTH AFRICA	ZS	1	1	1	1	1	1	1
PRINCE EDWARD & MARION ISLANDS	ZS8	1	0	0	0	1	1	0

Who's on 6?

We have had openings this month on 6 meters. Most of them were single hop and a few brief double hops. Japan was worked as well as northern South America. Europe creeped in for a few cycles but nothing workable. Hopefully July will be the month. To date it has been disappointing! It has been said that the high SFI has affected sporadic E. That could be true except the SFI lately has been below levels where in the past there were good Es openings. The one thing that has been different is the large coronal holes, CMEs and high solar wind speed. Possibly, if that sub-sides July will be a good month.

		So Cal		At Lrg		Diff	Uniques			Total																															
	Pfx	DX	QSOs	DX	QSOs		SoCal	At Lrg	Total	DX	QSOs	N0FW	N6CA	N6RW	K6RO	N6RV	W6YLZ	N6WS	NS6C	KN6ZZI	N6PM	N6WT	N6GP	W6SR	K6FG	WA5VGI	N6QQ	WC2S	KI6BTY	K6NGO	AA6DW	W6KK	W6FL	W6TK	K6FOD	K0XP	W6DR	K6ND	K9TAD	K6JW	N6MG
		33	192	66	125	33	5	12	17	52	317	44	36	31	28	26	21	20	19	19	18	14	14	11	11	8	6	5	4	4	4	3	3	2	2	2	2	1	1	1	1
											2025	9	-24	-18	-6	-20	-2	-37	-5	16	11	-9	2	4	-5	-20	-22	-5	1	-4	-3	-8	-8	-5	-14	-5	-18	-11	0	0	-11
										52	Uniques	6	9	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	3D2	1	6	1	2	0	0	0	0	1	8	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
59	9Y	0	-1	1	3	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	C6	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	CE	1	10	1	4	0	0	0	0	1	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	CO	1	2	1	3	0	0	0	0	1	5	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
87	CU	1	1	1	1	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	CX	1	10	1	2	0	0	0	0	1	12	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	ES/N	1	7	1	1	0	0	0	0	1	8	0	1	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	ES/S	1	3	1	1	0	0	0	0	1	4	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	EA8	0	0	1	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	FJ	0	-1	1	2	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	FK	1	9	1	1	0	0	0	0	1	10	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	FO/A	1	5	1	3	0	0	0	0	1	8	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	FO/M	1	1	0	0	-1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	HC	1	9	1	4	0	0	0	0	1	13	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
152	HC8	0	0	1	2	1	0	0	0	1	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	HI	0	0	1	2	1	0	0	0	1	2	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	HK	1	4	1	3	0	0	0	0	1	7	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	HP	1	1	1	1	0	0	0	0	1	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	J6	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	J7	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	J8	0	-1	1	2	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	JA	1	6	1	1	0	0	0	0	1	7	0	0	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	K	1	22	1	5	0	0	0	0	1	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1
187	KH6	1	10	1	3	0	0	0	0	1	13	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0
192	KL7	0	0	1	1	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194	KP2	0	-1	1	2	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	KP4	1	5	1	3	0	0	0	0	1	8	1	1	1	1	1	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	LA	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
198	LU	1	12	1	4	0	0	0	0	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
202	OA	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	P4	1	1	1	1	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
217	PA	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
218	PJ2	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222	PY	1	7	1	4	0	0	0	0	1	11	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
228	S0	0	0	1	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
251	TG	1	4	1	3	0	0	0	0	1	7	0	1	1	0	1	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
252	TI	1	1	1	3	0	0	0	0	1	4	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
269	V2	1	1	1	3	0	0	0	0	1	4	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
270	V3	1	2	1	1	0	0	0	0	1	3	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276	VE	1	10	1	5	0	0	0	0	1	15	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0
277	VK	1	10	1	2	0	0	0	0	1	12	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
283	VK9N	1	12	1	4	0	0	0	0	1	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
292	VP8	0	0	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
294	VP8/H	1	3	1	2	0	0	0	0	1	5	1	0	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
297	VP9	0	0	1	1	1	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303	XE	1	11	1	4	0	0	0	0	1	15	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0
320	YV	0	-1	1	3	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
332	ZF	1	5	1	3	0	0	0	0	1	8	1	1	0	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
334	ZL	1	13	1	2	0	0	0	0	1	15	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
335	ZL7	1	9	1	2	0	0	0	0	1	11	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
338	ZP	1	1	0	0	-1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Deleted ARRL DXCC Entities

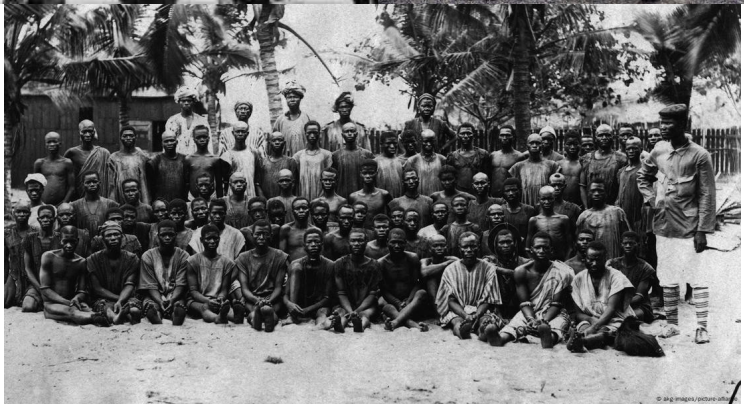
This month we look at deleted entity #60 Gold Coast, Togoland.

Prefix	Entity	Cont	Zone		UTC	Location		Prefix
			ITU	CQ	+/-	Lat	Long	
VS9K	Kamaran Is	AS	39	21	3	15N	43E	7O
ZC5	Br No Borneo	OC	54	28	8	6N	116E	
ZC6	Palestine	AS	39	20	2	32N	35E	4X1
ZD4	Gold Coast, Togoland	AF	46	35	0	5N	0W	
ZS0	Penguin Is	AF	57	38	2	27S	15E	
ZS9	Walvis Bay	AF	57	38	2	23S	15E	

Gold Coast, Togoland

Togoland was a German protectorate in West Africa. It was established in 1884 towards the end of the European colonization in Africa. The Germans abducted the chiefs and forced them to sign a protection treaty.

The colony surrendered to French and British forces in 1914 during WWI, and was divided into French and British administrative zones. After WWI Czechoslovakia considered acquiring the colony but it never came to fruition. In 1922 the League of Nations divided the colony into French Togoland and British Togoland. In 1956, a UN-supervised plebiscite resulted in British Togoland merging with the Gold Coast, which became independent as Ghana in 1957. French Togoland became the independent Republic of Togo in 1960. Here is fairly biased and mostly inaccurate history of the region. [Gold Coast History]



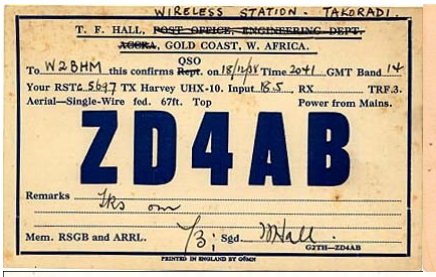
Amateur Radio Operations

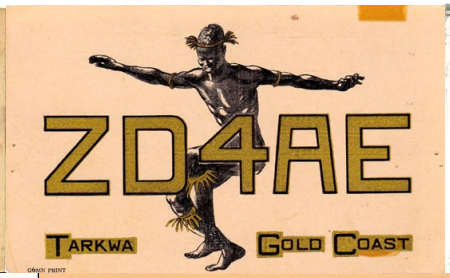
Togoland	
ZD4AB	1938
ZD4AC	1946
ZD4AL	1947
ZD4AM	1947
ZD4AH	1948
ZD4AO	1948
ZD4AU	1948
ZD4AX	1949
ZD4AE	1950
ZD4BD	1951
ZD4BF	1953
ZD4BL	1954
ZD4BV	1955
ZD4BQ	1956
ZD4BR	1956
ZD4CC	1956
ZD4CD	1956
ZD4CF	1956
ZD4CH	1956

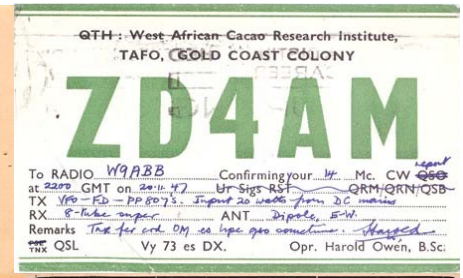
It appears the British partition of Togoland is the colony that was activated by radio amateurs. Their prefix, a British one, was ZD4. This entity ended in 1957.

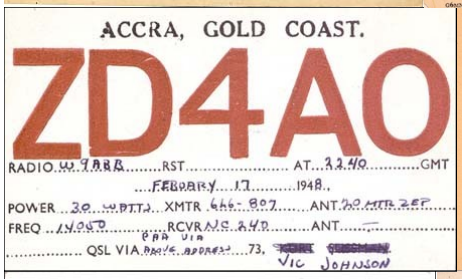
Many of the rigs in that time were homebrew with some primitive receivers. Fortunately many hams worked ZD4 with Spartan stations during the huge cycle that we will never see again!

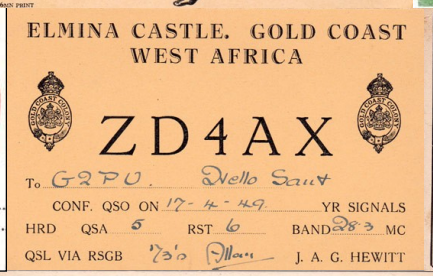
We would like to thank the colonial era for providing a diverse set of entities now long gone!

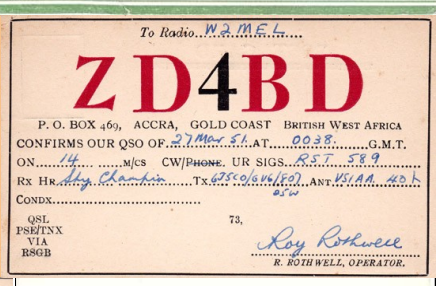


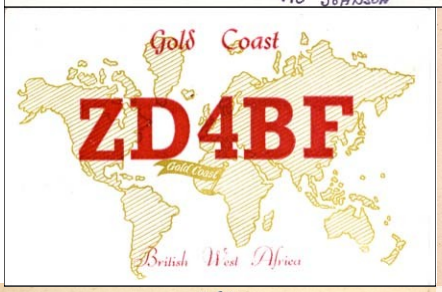


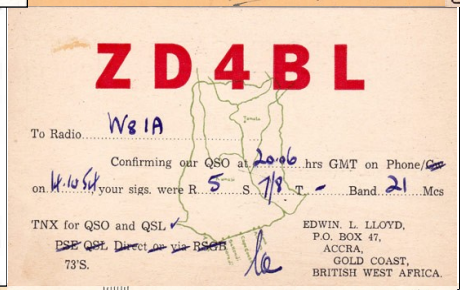


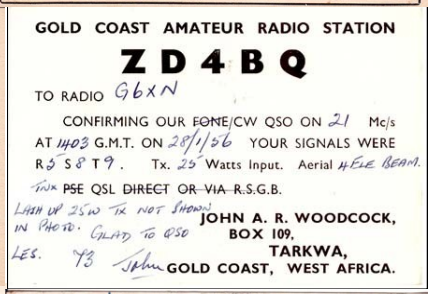


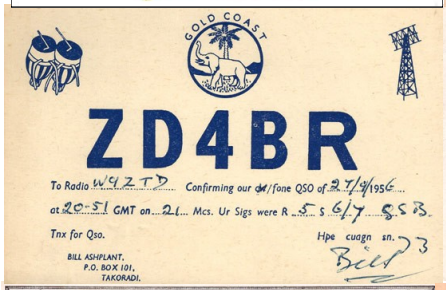


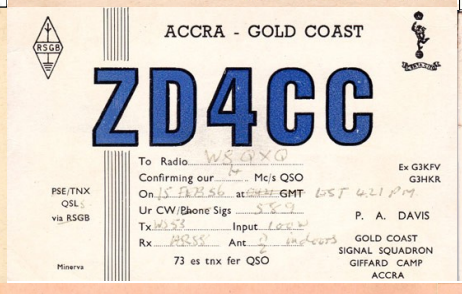


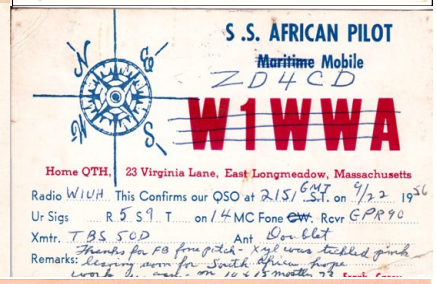


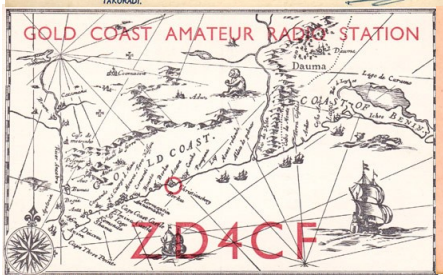


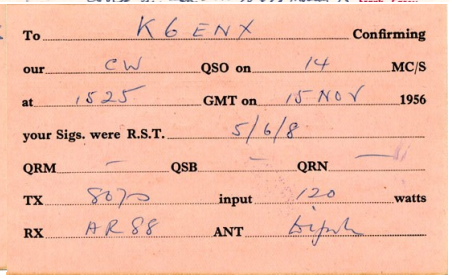












For Sale (N6WS)

Here are a few items I am selling. If you are interested, I am available at N6WS@arrl.org.

Icom IC-7300 HF-6m Transceiver – 100W
New in sealed box. Includes all items shipped as new. Asking 1,000 plus shipping.

Yaesu FTDX-101MP HF-6m Transceiver – 200W
This is an all mode transceiver for HF-6m. The transceiver is in very good shape. From a non-smoking environment. Asking $3,700.00 plus shipping.

Yaesu SCU-LAN10 Network Remote Control
Ideal network remote control for Yaesu radios. I have been using this SCU-LAN10 to operate my FTDX-10 remotely. Asking $250 plus shipping.

Icom SP-38 Speaker
ICOM Base Station Speakers SP-38, External Speaker, Base Station Type, IC-7300, IC-9700 Companion, 8 ohms, 5.9 ft. Cord Length, 1/8 in. Male Plug, From non-smoking environment. Asking $125 plus shipping.

Gemini 2-500 2m Amplifier
This is an all mode amplifier for 2m. The amplifier is in very good shape. It has had very little use. From a non-smoking environment. Sells new for $1580 plus shipping from England. Asking $1,100 plus shipping.

-The Gemini Description
The Gemini 2-500 is an updated version of our popular Gemini 2 300W unit. We have changed the LDMOS to a ART700FH, redesigned the RF and filter section and updated the power supply. The result is an amplifier that will put out >500W CW with a P1dB of 480W. It still has the same built in protection for overdrive, High SWR and Over Temperature ensuring solid reliable performance at high outputs for long periods. Best of all, by optimizing the RF efficiency we have been able to build the Gemini 2-500 into exactly the same outer chassis as the rest of the 300W range. The 144MHz Gemini 2-500 incorporates the same, sequenced, front panel switchable 13.8v preamplifier supply on receive. This can be selected by the operator to be either an output voltage on the rear panel or a bias tee feed to a masthead preamp as required. The Gemini 2-500 is a complete turnkey solution incorporating a 50V linear power supply so no external PSU is required. Many Specs: Linear Amp Gemini 2-500 – 144MHz 500W Solid State Linear Amplifier

- Solid state 144MHz 500W Linear Amplifier
- 500W output - Ampleon ART700FH LDMOS
- Integral 50V Linear Power supply
- Drive requirements 10W - Operates from 120VAC
- Cooling for data mode operation
- Full protection for overdrive/VSWR/temperature
- Switchable preamp output voltage on RX with bias tee option
- N Type connectors on input and output
- All aluminum chassis
- Compact dimensions
– just 270w x 300d x 120h mm (11-1/4w x 12-1/2d x 5h inches)
- Weight 11Kg (24.2 lbs)

MFJ MFJ-259 Antenna Analyzer
HF/VHF SWR ANALYZER 1.8-170 MHz. Asking $125.00 plus shipping.

Heil HM-12 Microphone
with Icom cable. Asking $50.00 plus shipping

Heil ICM-BG Microphone
Heil microphone for Icom transceivers. Asking $85.00 plus shipping

JetStream JTPS-50A 13.8VDC 50A Power Supply
Asking $100.00 plus shipping.

I also have **two EAntenna 16-element LFA yagis for 2m**. They were assembled, then put up for about 3 days, and then stored in my barn. They are like new, except for the dust. I am asking $300 each for these antennas, or $500 for the pair. With these antennas, you are ready for EME.

Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
/www.dxing.info/dxpeditions/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mgp.it

DH9SB Weekly DX Calendar
http://www.dx-info.de

Southern California Contest Club
http://www.socalcontestclub.org/

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

It appears that there was a peak in August. All indications is that the second solar magnetic pole has flipped. This means we already had a double peak. It was just masked by the fact that the two poles flipped almost together hence the big peak. Get ready for the slide to the minima! We seem to be going fast!

For those who are putting up a big station you missed the bus! Hopefully we all live to see the next peak!

Strongest Cycle Ever? Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Space-weather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

http://www.arrl.org/find-an-amateur-radio-license-exam-session

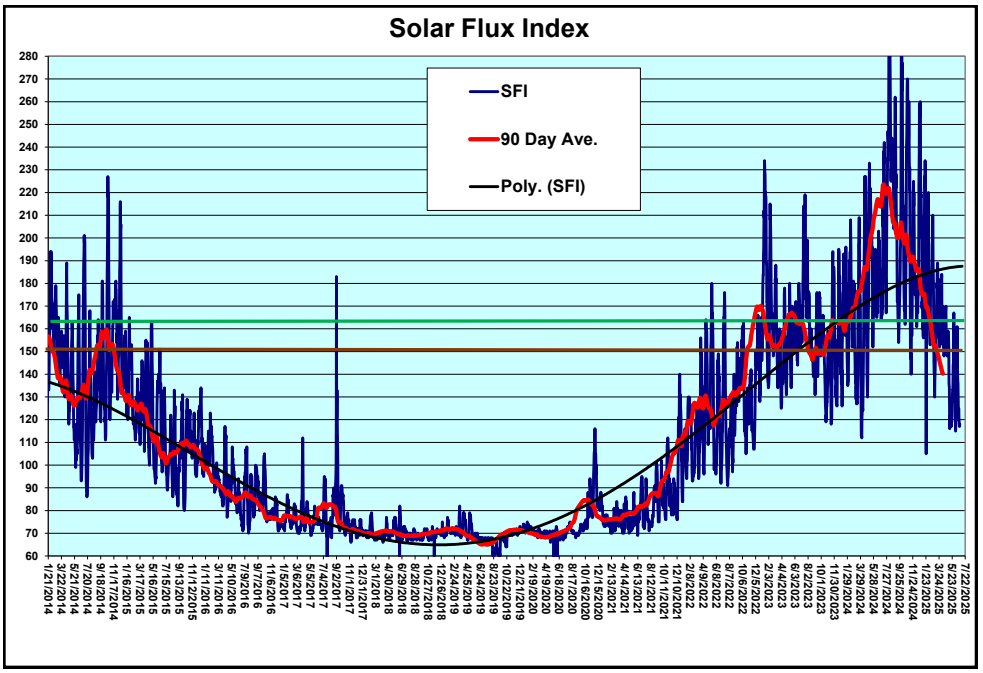
Club and Conduct Sites

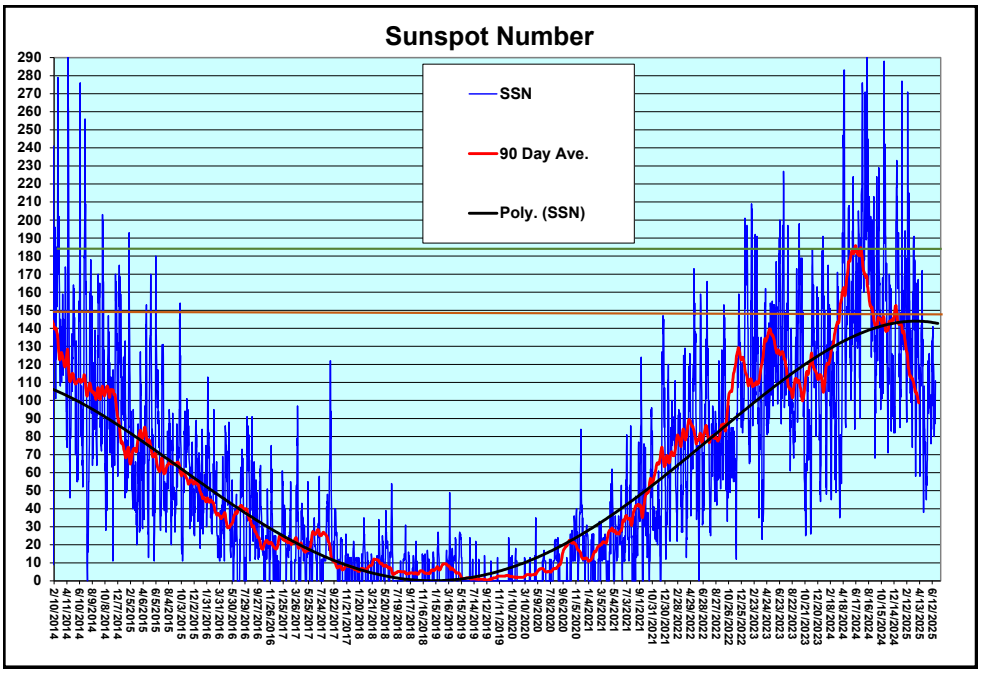
Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

http://www.dx-code.org/





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